| The state of the | al   | peal          | Ap           |          | A               |          | ted                    | Elec     | Non-E            | N               |          | ral)     | ume<br>led   | igh n<br>ancel | hrou<br>Ca | (TI        | _        |          | ted     | Rejec              | √         |              |          |
|--|--|---------------|--------------|----------|-----------------|----------|------------------------|----------|------------------|-----------------|----------|----------|--------------|----------------|------------|------------|----------|----------|---------|--------------------|-----------|--------------|----------|
| E     D      | ed   | ecte          | )bje         | C        | 0               |          | псө                    | erer     | Interf           | 1               |          |          | ted          | stric          | Re         |            | +        |          | ved     | Allov              | =         |              |          |
| 1  | te   | Date          |              |          |                 | aim      | Cla                    |          |                  | e               | Dat      |          |              | aim            | Cla        | ][         |          | •        | Dat     |                    |           | aim          | Cla      |
| 1  |  |               |              |          |                 | <u>a</u> |                        |          |                  |                 |          |          |              | <u></u>        | _          |            |          |          |         |                    | ñ         | a            | _        |
| 1  |  |               |              |          |                 | Origin   | Fina                   |          |                  |                 |          |          |              | Origin         | Fina       |            |          |          |         |                    | 8/26/0    | Origin       | Fina     |
|  | +++  | ++            | ╀            | +        | Н               |          |                        | -        | -                | $\vdash$        | +        | +        |              | L              |            |            | -        |          |         | +                  | _         | $\mathbf{a}$ | 1        |
| Sign    | +++  | +             | +            | $\dashv$ | Н               |          | $\vdash$               | $\dashv$ | $\dashv \vdash$  | Н               | +        | 1-1      | +            |                |            | <b> </b>   | $\dashv$ |          |         | +                  |           |              | ·        |
| 4     5  | +++  | ++            | $\top$       | 1        | Н               |          |                        | ١!!!     |                  | П               |          | 1 1      |              |                |            |            |          |          |         |                    | _         | <b>′</b> 3   | 2        |
| 5 6 6     7     1     106     107     7     8     =     108     108     108     109     109     109     109     109     110     111     111     111     111     111     111     111     111     111     111     111     111     111     111     111     111     112     112     112     113     114     1     64     1114       |  |               |              |          |                 | 104      |                        |          |                  |                 |          |          |              | 54             |            |            |          |          |         |                    | $\Box$    |              | _        |
| 6     7  |  |               | $\perp$      |          |                 |          |                        | _        |                  | Ш               |          | $\perp$  |              |                |            |            |          | $\perp$  |         | $\perp \perp$      | -11       |              |          |
| 7     8     ±     108     109     109     109     109     109     110     109     109     110     110     1110     1110     1111     1111     1111     1111     1111     1112     131     1112     133     112     133     112     133     1113     134     144     114     114     115     144     114     114     114     115     115     166     115     115     166     115     116     117     117     117     118     118     118     118     118     119     119     120     117     117     117     117     117     118     119     120     120     120     120     120     120     120     120     121     121     122     122     122     123     123     124     124     124     125     126     126     126     126     126     127     128     129     130     129     130     131     131  | $\bot \bot \bot$                                 | $\bot \bot$   | 丄            | _ _      | Ш               |          | $\vdash$               | 4        |                  | $\sqcup$        |          | $\dashv$ |              |                |            |            |          | $\perp$  |         | $\dashv$           | -11       |              |          |
| 9 X     59     109   | ++-  | ++            | +            | _ _      | $\vdash \vdash$ |          | $\vdash \vdash$        | -        | $\dashv$         | $\vdash \vdash$ | +        | +-+      | $-\!\!\!\!+$ |                |            |            |          |          | - -     | $\dashv$           | -11       |              | _        |
| 10   | +  | ++            | +            | $\dashv$ | $\vdash$        |          | $\vdash \vdash \vdash$ | -        |                  | $\vdash$        | +        | +        |              |                |            | ╢          |          | +        | -       | -+-                |           |              | ′        |
| 61     62     111       12     63     112       13     63     113       14     63     114       15     66     65       16     116     116       17     18     68     118       19     69     119     120       20     70     122     122       21     71     121     121       22     72     122     122       23     74     124     124       25     76     126     126       27     77     127     128       29     79     129     30       30     80     130     130       31     81     131     131       32     82     132     132       33     83     133     133       34     84     131     131       33     84     84     133       33     85   | <del> -   </del> -                               | ++            | +-           | +        | Н               | 110      | $\vdash$               | -        | <del>- - -</del> | -               | +        | ++       | +-           |                |            |            | +        | $\dashv$ | +       | ++                 | î         | 10           |          |
| 12   | <del>                                     </del> | ++            | +            | +        | Н               |          | $\vdash$               | -        | <del>     </del> | $\vdash$        | $\dashv$ | +        | -            |                |            |            | $\dashv$ | +        | +       | <del>     </del>   | $\forall$ |              |          |
| 13   | <del>                                     </del> | ++            | +-           | _        | Н               |          |                        | ┦        | -1-1-            | H               | 1        | +        |              |                |            |            | $\neg$   | $\neg$   | $\neg$  | 11                 | $\forall$ |              |          |
| 15   |  | $\top$        | 1            | _        | П               |          |                        | 7        |                  |                 |          |          |              |                |            |            |          |          |         |                    | П         | 13           |          |
| 16   |  |               |              |          |                 |          |                        |          |                  |                 |          |          |              |                |            |            |          |          |         |                    | П         | 14           |          |
| 17   X   117   118     19   68   119   118   119     20   70   120   121   121   122     21   71   121   122   123   122   123   124   124   124   124   124   124   124   124   125   126   125   126   126   127   127   128   128   129   129   120   120   120   121   122   123   124   124   124   124   124   124   124   125   126   125   126   125   126   125   126   127   127   128   129   129   129   129   129   130   130   131   130   131   131   132   133   133   133   133   133   133   133   133   133   133   133   133   134   134   134   134   144   144   144   144   144   144   144   144   144   144   144   |  |               | $oxed{oxed}$ |          |                 |          |                        |          |                  |                 |          |          |              |                |            |            |          |          |         |                    | П         |              |          |
| 18   19   68   118   119     20   70   120   120     21   71   121   121     22   72   122   122     23   73   123   124     25   75   125   126     26   76   126   127     28   78   128   129     30   80   130   130     31   81   131   131     32   82   132   132     33   83   133   133     34   84   134   134     35   85   135   136     37   87   137   138     39   89   139   140     41   91   141   141     42   92   142   144   |  | $\perp$       |              |          | Ш               |          |                        | _        |                  | Ш               | _ļ_      | 1_1      |              |                |            |            |          | $\perp$  | _       | $\dashv$           | 1         |              |          |
| 19   69   119     20   70   120     21   71   121     22   72   122     23   73   123     24   74   124     25   75   125     26   76   126     27   77   127     28   78   128     29   79   129     30   80   130     31   81   131     32   82   132     33   83   133     34   84   134     35   85   135     36   86   136     37   87   137     38   88   138     39   89   139     40   90   140     41   91   141     42   92   142     43   93   143     44   94   144  |  | +             | ╀            |          |                 |          |                        | 4        |                  | Ш               |          | +        | _            |                |            |            | _        | _        |         | _+-                | 씌         |              |          |
| 20   70   120   121     21   71   71   121   122   123     23   73   123   123   123   123   123   123   124   124   125   125   125   126   127   127   127   127   127   127   128   129   129   129   130   130   130   130   130   130   130   131   131   132   132   132   132   132   133   |  | ++            | +-           |          |                 |          | $\vdash$               | - ::::   | $\rightarrow$    | $\square$       |          | $\dashv$ | -            |                |            |            |          |          | +       | $\dashv$           | $\dashv$  |              |          |
| 21   1   71   121   122   122   122   122   123   123   123   123   123   123   124   124   124   124   124   124   125   125   125   125   125   125   125   126   127   127   128   128   128   129   129   130   130   130   130   130   130   131   131   131   131   131   131   132   132   133   133   133   133   133   133   133   133   133   133   133   133   134   134   134   135   136   136   137   137   137   137   137   137   137   137   138   139   140   141   141   141   141   141   141   141   142   142   143   144   144   144   144   144   144   144   144   144   144   144   144   144   144   144   144   144   144   144 </td <td>+</td> <td>++</td> <td>+</td> <td><math>\dashv</math></td> <td></td> <td></td> <td><del>  </del></td> <td>-    </td> <td></td> <td><math>\vdash</math></td> <td></td> <td>++</td> <td></td> <td></td> <td></td> <td></td> <td>-</td> <td></td> <td>+-</td> <td><math>\dashv</math></td> <td><math>\dashv</math></td> <td></td> <td></td>  | +  | ++            | +            | $\dashv$ |                 |          | <del>  </del>          | -        |                  | $\vdash$        |          | ++       |              |                |            |            | -        |          | +-      | $\dashv$           | $\dashv$  |              |          |
| 22     3     122     123       24     124     124     124     124       25     125     125     125     125       26     126     127     127     127     127       28     77     78     128     129     129     129     130     130     130     130     131     131     131     131     131     131     131     131     132     132     132     132     132     133     134     134     134     134     135     135     135     135     135     136     137     137     137     137     137     137     138     139     139     140     141     141     141     141     141   | <del>                                     </del> | ++            | +            | $\dashv$ | $\vdash$        |          | $\vdash$               | -        |                  | $\vdash$        | +        | +-+      | +            |                |            | ŀ          | +        |          | +-      | -1-1               | -         |              | _        |
| 23     73     123     124       24     74     124     124       25     75     125     125       26     76     127     127       28     78     128     128       29     79     129     129       30     80     130     131       31     81     131     131       32     82     132     132       33     83     133     133       34     84     134     134       35     85     135     135       36     86     136     137       38     88     138     138       39     89     139     140       41     91     141     141       42     92     142     142       43     94     94     144   | ++   | ++            | +-           | +        | $\vdash$        |          | $\vdash$               | -        |                  | H               | _        | +        |              |                |            |            |          |          | +-      | <del>-   -  </del> | 1         |              | _        |
| 24     124     124     124     125     125     125     125     125     126     126     126     126     126     126     127     127     127     127     127     128     128     128     128     128     128     129     129     129     130     130     130     130     130     131     131     131     131     131     131     132     132     132     133     133     133     133     133     134     134     134     134     134     135     135     135     135     135     135     135     136     137     137     137     137     137     138     138     138     138     139     140     140     140     141     141     141     142     142     142     143     144     144     144     144     144     144     144     144     144     144     144     144     144     144     144     144   | <del>                                     </del> | ++            | +            |          |                 |          |                        | -        |                  | $\vdash$        | -        | +-+      |              |                |            |            |          |          | $\top$  | $\dashv$           | 寸         |              |          |
| 25     125       26     76       27     126       28     77       28     78       29     128       30     80       31     81       32     82       33     132       33     83       34     84       35     85       36     86       37     87       38     88       39     889       40     90       41     91       42     92       43     94   |  | +             | 十            | 1        |                 |          |                        | ١        | $\neg$           | П               | $\top$   | 11       | $\neg$       |                |            |            |          |          |         |                    | 一         |              |          |
| 27   127   128   128   128   128   128   128   128   129   129   129   129   130   130   130   131   131   131   131   131   131   132   132   132   132   133   133   133   133   133   134   134   134   134   134   135   135   135   136   136   137   137   137   137   137   137   138   138   138   138   138   139   140   141   141   141   141   142   142   143   144   14  |  | $\top$        | T            | T        |                 |          |                        |          |                  |                 |          |          |              | 75             |            |            |          |          |         |                    |           |              |          |
| 28     78     128       29     80     129       30     80     130       31     81     131       32     82     132       33     83     133       34     84     134       35     85     135       36     86     136       37     87     137       38     88     138       39     89     139       40     90     140       41     91     141       42     92     142       43     94     144  |  | $\Box$        | $oxed{oxed}$ |          |                 | 126      |                        |          |                  |                 |          |          |              |                |            |            |          |          |         |                    | _         |              |          |
| 29   79   129     30   80   130     31   81   131     32   82   132     33   83   133     34   84   134     35   85   135     36   86   136     37   87   137     38   88   138     39   89   139     40   90   140     41   91   141     42   92   142     43   93   143     44   94   144  |  | $\perp \perp$ | $\perp$      |          |                 |          |                        | 4        | $\bot$           | Ц               |          | $\perp$  |              |                |            | ļ          |          |          |         | $\dashv$           | _         |              | _        |
| 30   80   130     31   81   131     32   82   132     33   83   133     34   84   134     35   85   135     36   86   136     37   87   137     38   88   138     39   89   139     40   90   140     41   91   141     42   92   142     43   93   143     44   94   144  |  | ++            | ↓_           | $\perp$  |                 |          | <b>  </b>              | _        | $\dashv$         | $\sqcup$        | _        | 1-1      | _            |                |            | ļ <b>.</b> |          |          | -       | +                  |           |              |          |
| 31   81   131     32   82   132     33   83   133     34   84   134     35   85   135     36   86   136     37   87   137     38   88   138     39   89   139     40   90   140     41   91   141     42   92   142     43   93   143     44   94   144  | <del>                                     </del> | ++            | ┿            | $\perp$  |                 |          | <b>-</b>               | -        | +                | $\vdash$        | +        | +        |              |                |            |            | -        |          |         | -                  | $\dashv$  |              |          |
| 32   82   132     33   83   133     34   84   134     35   85   135     36   86   136     37   87   137     38   88   138     39   89   139     40   90   140     41   91   141     42   92   142     43   93   143     44   94   144  | <del>                                     </del> | ++            | ┿            | +        |                 |          |                        | -        |                  | $\vdash$        | +        | ╁┼       | +            |                |            | -          |          |          | +-      | +                  |           |              | $\dashv$ |
| 33   83   133     34   84   134     35   85   135     36   86   136     37   87   137     38   88   138     39   89   139     40   90   140     41   91   141     42   92   142     43   93   143     44   94   144  | <del> - - -</del>                                | +             | +            | -        | $\vdash$        |          |                        | -        |                  | $\vdash$        | $\dashv$ | +        |              |                |            | 1          |          | +-       | +       | +                  | -         |              | $\dashv$ |
| 34   84   134     35   85   135     36   86   136     37   87   137     38   88   138     39   89   139     40   90   140     41   91   141     42   92   142     43   93   143     44   94   144  | <del>                                     </del> | ++            | +            | +-       | -               |          |                        | -        |                  | $\vdash$        | +        | +        | $\dashv$     |                |            |            | $\dashv$ | 1-       | +       | -                  | 寸         |              |          |
| 35   85   135     36   86   136     37   87   137     38   88   138     39   89   139     40   90   140     41   91   141     42   92   142     43   93   143     44   94   144  |  | <del>+</del>  | +            |          | $\dashv$        |          |                        | ۱        | 11               | H               | +-       | 11       | $\dashv$     |                |            |            | $\dashv$ |          |         | $\top$             | $\dashv$  |              | 一        |
| 36   86   136     37   87   137     38   88   138     39   89   139     40   90   140     41   91   141     42   92   142     43   93   143     44   94   144  |  | ++            | 十            | $\top$   |                 | 135      |                        | 71111    |                  | П               | $\top$   | $\Box$   | $\neg$       |                |            |            |          |          | 1       |                    |           | 35           |          |
| 38   88  <   |  |               |              |          |                 | 136      |                        |          |                  |                 |          |          |              |                |            |            |          |          |         |                    |           |              |          |
| 39 89   40 90   41 91   42 92   43 93   44 94  |  |               | $oxed{\Box}$ |          |                 |          |                        |          |                  |                 |          |          |              |                |            |            |          |          |         |                    | _         |              |          |
| 40 90 140   41 91 141   42. 92 142   43 93 143   44 94 144   |  | $\perp$       | 1            |          |                 |          | igsqcut                | _        |                  | $\sqcup$        | `—       | 1-1      |              |                |            |            | _ _      | 44       | -       | - -                | 4         |              |          |
| 41 91 141   42. 92 142   43 93 143   44 94 144   |  | ++            | +            | -        |                 | 139      | $\vdash \vdash \mid$   | -        |                  | $\dashv$        |          | ++       | - -          |                |            |            |          | $\dashv$ | -       | ++                 | $\dashv$  |              |          |
| 42. 92 142   43 93 143   44 94 144   | + + + -  | ++            | +            |          | $\vdash$        |          | $\vdash \vdash$        | -        |                  | $\vdash \vdash$ | +        | ++       |              |                |            |            |          |          | -       | $\dashv \dashv$    | $\dashv$  |              |          |
| 43 93 143 144 144 144 144 144 144 144 144 14   | +++  | ++            | +            | +        | $\dashv$        |          | $\vdash \vdash \vdash$ | -        | <del>- - </del>  | $\vdash$        | +        | + +      | +            |                |            | ╟╟         |          | $\dashv$ | +       | +-+                | -         |              | $\dashv$ |
| 44 94 144 144  | <del>                                     </del> | ++            | +            | +        | $\dashv$        |          |                        | اااا     | ++               | $\vdash \vdash$ | +-       | ++       | $\dashv$     |                | -          |            | $\dashv$ | $\dashv$ | $\top$  | +                  | +         |              | ᅱ        |
|  | +  | ++            | +            | +        | $\dashv$        |          | $\vdash$               |          | <del>     </del> | $\vdash$        | $\dashv$ | ++       | - -          |                |            |            |          |          | 1       | ++                 | 寸         |              | $\dashv$ |
|  | 1-1-1-   | ++            | $\top$       | $\dashv$ | $\vdash$        | 145      |                        | 1        | 11               | $\Box$          | $\top$   | 11       | $\top$       | 95             |            |            |          |          |         |                    | J         | 45           |          |
| 46 96 146  |  | 11            | $\top$       |          |                 |          |                        | ]        |                  |                 |          |          |              | 96             |            |            |          |          |         |                    | $\Box$    |              |          |
| 47 97 147 147  |  |               |              |          |                 | 147      |                        |          |                  |                 |          |          |              |                |            |            |          | $\Box$   |         | $\bot$             | $\Box$    |              | [        |
| 48 98 148  | $\cdot$  | $\Box$        |              |          |                 |          |                        | 4        | $\bot$           | $\Box$          | 1        | $\Box$   | $\perp$      |                |            | ıL         |          | $\perp$  | $\perp$ | +                  | $\dashv$  |              | _        |
| 49 99 149 149 50 150 150 150 150 150 150 150 150 150   | $\Box$   | 1-1           | <u> </u>     | Щ.       |                 |          |                        | 4        | $\dashv \perp$   | $\sqcup$        |          | +        | _            |                |            |            | +        | -        | 4-      | ++                 |           |              |          |

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Application/Control No.

10/615,335

Examiner

Minh Trinh

Index of Claims

Applicant(s)/Patent under Reexamination

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